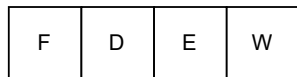
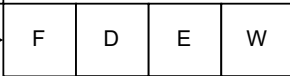
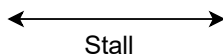


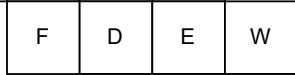
Branch Inst



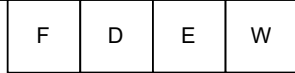
Inst 1



Inst 2



Inst 3

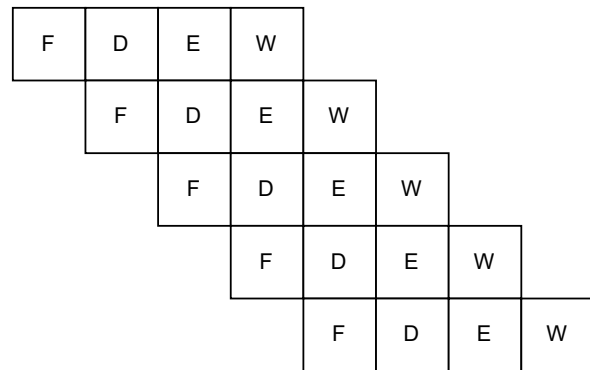
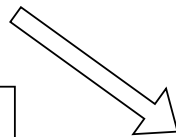
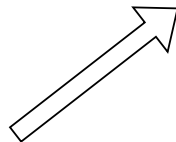


Inst 4

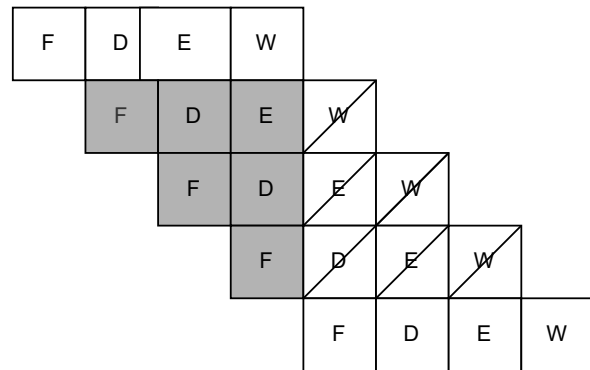


Pipeline Flow

F: Instruction Fetch
D: Instruction Decode
E: Execution
W: Write result



Success Branch Prediction



Branch Miss prediction